

## EAST Search History

| Ref # | Hits  | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|------------------------------|------------------|---------|------------------|
| S1    | 1     | ("6636647").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2004/09/22 13:22 |
| S2    | 1     | S1 and (stor\$4 or memory or buffer) same (superimpos\$4)             | US-PGPUB;<br>USPAT           | OR               | OFF     | 2004/09/22 08:18 |
| S3    | 19232 | ((superimpos\$4) near3 (data or image))                               | US-PGPUB;<br>USPAT           | OR               | ON      | 2004/09/22 08:23 |
| S4    | 5     | ((superimpos\$4) near3 (data or image)) same (mask\$4 near5 delet\$4) | US-PGPUB;<br>USPAT           | OR               | ON      | 2004/09/22 08:45 |
| S5    | 1     | S1 and (superimpos\$4)  | US-PGPUB;<br>USPAT           | OR               | ON      | 2004/09/22 09:37 |
| S6    | 1     | S1 and (processor or cpu or mpu or controller)                        | US-PGPUB;<br>USPAT           | OR               | ON      | 2004/09/22 08:58 |
| S7    | 6     | "5694494"   | US-PGPUB;<br>USPAT           | OR               | ON      | 2004/09/22 09:37 |
| S8    | 1     | ("5694494").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2004/09/22 13:21 |
| S9    | 1     | S8 and print\$4   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2004/09/22 10:16 |
| S10   | 6     | S7 and (cod\$4 or tag\$4 or bar\$4)                                   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2004/09/22 10:17 |
| S11   | 1     | S8 and (cod\$4 or tag\$4 or bar\$4)                                   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2004/09/22 10:24 |
| S12   | 1     | ("5229589").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2004/09/22 10:24 |
| S13   | 1     | S12 and (cod\$4 or tag\$4 or bar\$4 or mark or box)                   | US-PGPUB;<br>USPAT           | OR               | ON      | 2004/09/22 10:36 |
| S14   | 1     | ("4868884").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2004/09/22 10:36 |
| S15   | 1     | S14 and (form\$4)   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2004/09/22 10:43 |
| S16   | 1     | S8 and (mask)   | US-PGPUB;<br>USPAT           | OR               | ON      | 2004/09/22 10:45 |
| S17   | 1     | S8 and (stor\$4 or memory or buffer)                                  | US-PGPUB;<br>USPAT           | OR               | ON      | 2004/09/22 10:48 |
| S18   | 1     | S1 and mask\$4  | US-PGPUB;<br>USPAT           | OR               | ON      | 2004/09/22 10:51 |
| S19   | 1     | S1 and detect\$5  | US-PGPUB;<br>USPAT           | OR               | ON      | 2004/09/22 10:56 |

## EAST Search History

|     |      |  |                              |    |     |                  |
|-----|------|--|------------------------------|----|-----|------------------|
| S20 | 1    | S1 and size  | US-PGPUB;<br>USPAT           | OR | ON  | 2004/09/22 11:14 |
| S21 | 0    | S1 and (size same mask same memory)  | US-PGPUB;<br>USPAT           | OR | ON  | 2004/09/22 10:59 |
| S22 | 0    | S1 and (size same memory)  | US-PGPUB;<br>USPAT           | OR | ON  | 2004/09/22 10:59 |
| S23 | 1    | S1 and magni\$8  | US-PGPUB;<br>USPAT           | OR | ON  | 2004/09/22 12:46 |
| S24 | 1    | S1 and line\$2   | US-PGPUB;<br>USPAT           | OR | ON  | 2004/09/22 12:47 |
| S25 | 1    | S8 and (form same line)  | US-PGPUB;<br>USPAT           | OR | ON  | 2004/09/22 13:05 |
| S26 | 1    | S1 and enlarg\$4   | US-PGPUB;<br>USPAT           | OR | ON  | 2004/09/22 13:05 |
| S27 | 2777 | ((extract\$4 or delet\$4) near7 (mask\$4))                                   | US-PGPUB;<br>USPAT           | OR | OFF | 2005/05/16 15:20 |
| S28 | 2323 | ((extract\$4) near7 (mask\$4))   | US-PGPUB;<br>USPAT           | OR | OFF | 2004/09/20 12:53 |
| S29 | 55   | ((extract\$4) near7 (mask\$4)) same (superimpos\$4 or impos\$5)              | US-PGPUB;<br>USPAT           | OR | OFF | 2004/09/21 08:12 |
| S30 | 1    | ("6636647").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/09/21 08:12 |
| S31 | 1    | ((("6636647").PN.) AND (superimpos\$5 or mask or image\$2))                  | US-PGPUB;<br>USPAT           | OR | OFF | 2004/09/21 08:15 |
| S32 | 1    | ((("6636647").PN.) and (stor\$4 or memory or buffer))                        | US-PGPUB;<br>USPAT           | OR | OFF | 2004/09/22 08:22 |
| S33 | 1    | ((("6636647").PN.) and (read\$4 or scann\$4))                                | US-PGPUB;<br>USPAT           | OR | OFF | 2004/09/21 08:50 |
| S34 | 1    | ((("6636647").PN.) and (delet\$4 or extract\$4))                             | US-PGPUB;<br>USPAT           | OR | OFF | 2004/09/21 08:53 |
| S35 | 0    | ((("6636647").PN.) and print\$4)   | US-PGPUB;<br>USPAT           | OR | OFF | 2004/09/21 08:54 |
| S36 | 1    | ("6028617").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/09/21 08:55 |
| S37 | 1    | ((("6028617").PN.) and (mask or superimpos\$4))                              | US-PGPUB;<br>USPAT           | OR | ON  | 2004/09/21 08:56 |
| S38 | 1    | ((("6028617").PN.) and (mask or superimpos\$4)) and (extract\$4 or delet\$4) | US-PGPUB;<br>USPAT           | OR | ON  | 2004/09/21 08:58 |
| S39 | 7487 | ((superimpos\$5 and mask\$4 and print\$4))                                   | US-PGPUB;<br>USPAT           | OR | ON  | 2004/09/21 10:01 |

## EAST Search History

|     |        |   |                              |    |     |                  |
|-----|--------|---|------------------------------|----|-----|------------------|
| S40 | 391    | ((superimpos\$5 same mask\$4 same print\$4))  | US-PGPUB;<br>USPAT           | OR | ON  | 2004/09/21 08:59 |
| S41 | 2      | ((superimpos\$5 same mask\$4 same print\$4 same extract\$4))                                | US-PGPUB;<br>USPAT           | OR | ON  | 2004/09/21 09:00 |
| S42 | 60     | ((superimpos\$5 same mask\$4 same print\$4) and (extract\$4))                               | US-PGPUB;<br>USPAT           | OR | ON  | 2004/09/21 09:57 |
| S43 | 525790 | ((scann\$4 or read\$4) same (form))   | US-PGPUB;<br>USPAT           | OR | ON  | 2004/09/21 09:59 |
| S44 | 37791  | ((scann\$4 or read\$4) same (form)) same (print\$4)   | US-PGPUB;<br>USPAT           | OR | ON  | 2004/09/21 10:00 |
| S45 | 3087   | ((((superimpos\$5 and mask\$4 and print\$4))) and (((scann\$4 or read\$4) same (form))))    | US-PGPUB;<br>USPAT           | OR | ON  | 2004/09/21 10:00 |
| S46 | 1315   | ((superimpos\$5 same mask\$4) and (print\$4))   | US-PGPUB;<br>USPAT           | OR | ON  | 2004/09/21 10:01 |
| S47 | 503    | ((((superimpos\$5 same mask\$4) and (print\$4))) and (((scann\$4 or read\$4) same (form)))) | US-PGPUB;<br>USPAT           | OR | ON  | 2004/09/21 13:58 |
| S48 | 1      | ("4868884").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/09/21 10:14 |
| S49 | 1      | ((("4868884").PN.) and (mask\$4 or superimpos\$4)   | US-PGPUB;<br>USPAT           | OR | OFF | 2004/09/21 10:16 |
| S50 | 1      | ((("4868884").PN.) and superimpos\$4  | US-PGPUB;<br>USPAT           | OR | OFF | 2004/09/21 10:18 |
| S51 | 0      | ((("4868884").PN.) and (delet\$4 or cancel\$4)  | US-PGPUB;<br>USPAT           | OR | OFF | 2004/09/21 10:21 |
| S52 | 1      | ("6274299").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/09/21 10:21 |
| S53 | 1      | ((("6274299").PN.) and (mask\$4 or superimpos\$4)   | US-PGPUB;<br>USPAT           | OR | OFF | 2004/09/21 10:22 |
| S54 | 1      | ((("6274299").PN.) and (form or scan\$4 or read\$4)   | US-PGPUB;<br>USPAT           | OR | OFF | 2004/09/21 10:51 |
| S55 | 1      | ((("6636647").PN.) and (delet\$4 or cancel\$4)  | US-PGPUB;<br>USPAT           | OR | OFF | 2004/09/21 10:53 |
| S56 | 1      | ((superimpos\$4 or layover) near7 (mask\$4 and delet\$4))                                   | US-PGPUB;<br>USPAT           | OR | OFF | 2004/09/21 12:49 |
| S57 | 1      | ("4748678").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/09/21 12:49 |
| S58 | 0      | ((("4748678").PN.) and (mask\$4 or superimpos\$4)   | US-PGPUB;<br>USPAT           | OR | OFF | 2004/09/21 12:50 |

## EAST Search History

|     |    |  |                              |    |     |                  |
|-----|----|--|------------------------------|----|-----|------------------|
| S59 | 1  | ("6274299").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/09/21 13:23 |
| S60 | 1  | ((("6274299").PN.) and (scan\$4 or read\$4) same (print\$4))         | US-PGPUB;<br>USPAT           | OR | OFF | 2004/09/21 13:24 |
| S61 | 1  | ("4868884").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/09/21 13:59 |
| S62 | 1  | ((("4868884").PN.) and (scan\$4 or read\$4))                         | US-PGPUB;<br>USPAT           | OR | OFF | 2004/09/21 14:01 |
| S63 | 1  | ((("4868884").PN.) and (scan\$4 or read\$4)) and (print\$4 and mask) | US-PGPUB;<br>USPAT           | OR | ON  | 2004/09/21 14:02 |
| S64 | 1  | ((("4868884").PN.) and (print\$4 and mask))                          | US-PGPUB;<br>USPAT           | OR | ON  | 2004/09/21 14:03 |
| S65 | 1  | ((("4868884").PN.) and (print\$4))                                   | US-PGPUB;<br>USPAT           | OR | ON  | 2004/09/21 14:08 |
| S66 | 18 | "5307423"  | US-PGPUB;<br>USPAT           | OR | ON  | 2004/09/21 14:08 |
| S67 | 1  | ("5307423").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/09/21 14:08 |
| S68 | 0  | ((("5307423").PN.) and (mask\$4 or superimpos\$4))                   | US-PGPUB;<br>USPAT           | OR | OFF | 2004/09/21 14:12 |
| S69 | 1  | ("5694494").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/09/21 14:12 |
| S70 | 1  | ((("5694494").PN.) and (print\$4))                                   | US-PGPUB;<br>USPAT           | OR | OFF | 2004/09/21 14:22 |
| S71 | 1  | ((("5694494").PN.) and (read\$4 or scann\$4))                        | US-PGPUB;<br>USPAT           | OR | OFF | 2004/09/21 14:22 |
| S72 | 1  | ("6636647").PN.  | US-PGPUB;<br>USPAT           | OR | OFF | 2005/05/16 15:20 |
| S73 | 1  | S72 and (superimpos\$4)  | US-PGPUB;<br>USPAT           | OR | OFF | 2005/05/16 15:34 |
| S74 | 1  | S72 and (delet\$4 and extract\$4 and merg\$4)                        | US-PGPUB;<br>USPAT           | OR | OFF | 2005/05/16 15:37 |
| S75 | 1  | S72 and (delet\$4 and extract\$4 and merg\$4 and mask\$4)            | US-PGPUB;<br>USPAT           | OR | OFF | 2005/05/16 15:39 |
| S76 | 0  | S72 and (delet\$4 same extract\$4 same merg\$4 same mask\$4)         | US-PGPUB;<br>USPAT           | OR | OFF | 2005/05/16 15:40 |
| S77 | 1  | S72 and (extract\$4 same merg\$4 same mask\$4)                       | US-PGPUB;<br>USPAT           | OR | OFF | 2005/05/16 15:40 |
| S78 | 1  | S72 and (extract\$4 same merg\$4 same mask\$4 same superimpos\$4)    | US-PGPUB;<br>USPAT           | OR | OFF | 2005/05/16 15:48 |

## EAST Search History

|     |      |  |                    |    |     |                  |
|-----|------|--|--------------------|----|-----|------------------|
| S79 | 0    | ((superimpos\$5) near5 (hand adj writ\$6)) near10 (mask\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2005/05/16 15:50 |
| S80 | 6    | ((superimpos\$5) near5 (hand adj writ\$6))   | US-PGPUB;<br>USPAT | OR | OFF | 2005/05/16 16:02 |
| S81 | 0    | ((superimpos\$5) near5 (hand adj writ\$6)) same (print\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2005/05/16 16:02 |
| S82 | 0    | S72 and overlay\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2005/05/16 16:02 |
| S83 | 4507 | ((superimpos\$5 or overlay\$4) near5 (image\$2 or data)) same (print\$4)                           | US-PGPUB;<br>USPAT | OR | OFF | 2005/05/16 16:04 |
| S84 | 44   | ((superimpos\$5 or overlay\$4) near5 (image\$2 or data)) same (print\$4) same (extract\$4)         | US-PGPUB;<br>USPAT | OR | OFF | 2006/04/26 16:36 |
| S85 | 1    | ("0486884").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2005/05/16 16:47 |
| S86 | 0    | S85 AND (mask\$4 or extract\$4 or delet\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2005/05/16 16:47 |
| S87 | 0    | S85 AND (mask\$4 or extract\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2005/05/16 16:48 |
| S88 | 0    | S85 and (mask\$4 or extract\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2005/05/16 16:49 |
| S89 | 1    | ("4868884").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2005/05/16 16:49 |
| S90 | 0    | S89 and (extract\$4 same mask\$4 same delet\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2005/05/16 16:49 |
| S91 | 1    | S89 and (extract\$4 same mask\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2005/05/16 16:49 |
| S92 | 1    | S89 and ((superimpos\$5 or overlay\$4) near5 (image\$2 or data)) same (print\$4) same (extract\$4) | US-PGPUB;<br>USPAT | OR | OFF | 2005/05/16 16:52 |
| S93 | 1    | S89 and superimpos\$5  | US-PGPUB;<br>USPAT | OR | OFF | 2005/05/16 16:52 |
| S94 | 9    | ((superimpos\$5 or overlay\$5) near10 (delet\$4)) same (mask\$4)                                   | US-PGPUB;<br>USPAT | OR | OFF | 2005/05/17 12:53 |
| S95 | 1    | ("6184996").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2005/05/17 13:22 |
| S96 | 1    | S95 and command\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2005/05/17 13:22 |
| S97 | 1836 | ((superimpos\$5 or overlay\$4) near5 (image\$2 or data)) same (mask\$4 or shield\$4 or hid\$4)     | US-PGPUB;<br>USPAT | OR | OFF | 2005/05/26 10:18 |

## EAST Search History

|      |     |   |                 |    |     |                  |
|------|-----|---|-----------------|----|-----|------------------|
| S98  | 0   | ((superimpos\$5 or overlay\$4) near5 (image\$2 or data)) same (mask\$4 or shield\$4 or hid\$4) same (handwritten or hand adj witten)                                | US-PGPUB; USPAT | OR | OFF | 2005/05/26 10:21 |
| S99  | 1   | (handwritten or hand adj witten) near6 (extract\$4)   | US-PGPUB; USPAT | OR | OFF | 2005/05/26 10:20 |
| S100 | 207 | (handwritting or handwritten or hand adj written) near6 (extract\$4)  | US-PGPUB; USPAT | OR | OFF | 2005/05/26 10:21 |
| S101 | 3   | ((superimpos\$5 or overlay\$4) near5 (image\$2 or data)) same (mask\$4 or shield\$4 or hid\$4) same (handwritten or hand adj written or handwrit\$5)                | US-PGPUB; USPAT | OR | OFF | 2005/05/26 10:29 |
| S102 | 1   | ((superimpos\$5 or overlay\$4) near5 (image\$2 or data)) same (mask\$4 or shield\$4 or hid\$4) same (handwritten or hand adj written or handwrit\$5) and extract\$4 | US-PGPUB; USPAT | OR | OFF | 2005/05/26 10:32 |
| S103 | 1   | ("5181255").PN.   | US-PGPUB; USPAT | OR | OFF | 2005/05/26 10:32 |
| S104 | 1   | S103 and (handwritten or extract\$4 or overlay\$4 or mask\$4)   | US-PGPUB; USPAT | OR | ON  | 2005/05/26 12:00 |
| S105 | 0   | S103 and delet\$4   | US-PGPUB; USPAT | OR | ON  | 2005/05/26 11:58 |
| S106 | 1   | S103 and overlay\$4   | US-PGPUB; USPAT | OR | ON  | 2005/05/26 14:03 |
| S107 | 1   | S103 and (overlay\$4 or superimpos\$5)  | US-PGPUB; USPAT | OR | ON  | 2005/05/26 12:26 |
| S108 | 1   | ("20010025274").PN.   | US-PGPUB; USPAT | OR | OFF | 2005/05/26 14:04 |
| S109 | 1   | S108 and recipient\$2   | US-PGPUB; USPAT | OR | OFF | 2005/05/26 15:59 |
| S110 | 1   | ("6636647").PN.   | US-PGPUB; USPAT | OR | OFF | 2005/05/26 16:00 |
| S111 | 0   | S110 and (form same stor\$4)  | US-PGPUB; USPAT | OR | OFF | 2005/05/26 16:00 |
| S112 | 1   | ("5181255").PN.   | US-PGPUB; USPAT | OR | OFF | 2005/11/15 07:07 |
| S113 | 1   | S112 and (print\$4 and image)   | US-PGPUB; USPAT | OR | ON  | 2005/11/15 07:09 |
| S114 | 1   | S112 and predetermin\$4   | US-PGPUB; USPAT | OR | ON  | 2005/11/15 07:11 |
| S115 | 1   | S112 and determin\$4  | US-PGPUB; USPAT | OR | ON  | 2005/11/15 07:11 |
| S116 | 1   | S112 and determin\$6  | US-PGPUB; USPAT | OR | ON  | 2005/11/15 07:40 |

## EAST Search History

|          |       |   |                    |    |     |                  |
|----------|-------|---|--------------------|----|-----|------------------|
| S11<br>7 | 1     | S112 and mask\$4  | US-PGPUB;<br>USPAT | OR | ON  | 2005/11/15 07:41 |
| S11<br>8 | 1     | S112 and ((mask\$4) same (stor\$4<br>or memroy or buffer or rom or<br>ram))         | US-PGPUB;<br>USPAT | OR | ON  | 2005/11/15 08:17 |
| S11<br>9 | 1507  | ((stor\$4) near8 (mask\$4)) near10<br>(image)                                       | US-PGPUB;<br>USPAT | OR | ON  | 2005/11/15 08:00 |
| S12<br>0 | 0     | ((superimpos\$5) same<br>(handwirt\$5))   | US-PGPUB;<br>USPAT | OR | ON  | 2005/11/15 07:58 |
| S12<br>1 | 0     | ((mask\$4) same (handwirt\$5))  | US-PGPUB;<br>USPAT | OR | ON  | 2005/11/15 07:58 |
| S12<br>2 | 120   | ((superimpos\$5) same (handwirt\$5<br>or hand adj writ\$5))                         | US-PGPUB;<br>USPAT | OR | ON  | 2005/11/15 07:59 |
| S12<br>3 | 0     | S122 and S119   | US-PGPUB;<br>USPAT | OR | ON  | 2005/11/15 07:59 |
| S12<br>4 | 1759  | ((stor\$4 or buffer or memroy or<br>ram or rom) near8 (mask\$4))<br>near10 (image)  | US-PGPUB;<br>USPAT | OR | ON  | 2005/11/15 08:00 |
| S12<br>5 | 0     | S122 and S124   | US-PGPUB;<br>USPAT | OR | ON  | 2005/11/15 08:00 |
| S12<br>6 | 26    | S119 same superimpos\$6   | US-PGPUB;<br>USPAT | OR | ON  | 2005/11/15 08:15 |
| S12<br>7 | 1     | S112 and superimpos\$5  | US-PGPUB;<br>USPAT | OR | ON  | 2005/11/15 08:16 |
| S12<br>8 | 1     | S112 and (stor\$4 or memroy or<br>buffer or rom or ram)                             | US-PGPUB;<br>USPAT | OR | ON  | 2005/11/15 08:18 |
| S12<br>9 | 1     | S112 and (AND\$4)   | US-PGPUB;<br>USPAT | OR | ON  | 2005/11/15 08:21 |
| S13<br>0 | 1     | S128 and S129   | US-PGPUB;<br>USPAT | OR | ON  | 2005/11/15 08:21 |
| S13<br>1 | 60609 | ((stor\$4) near10 (mask\$4 or<br>superimposition or cover\$5))                      | US-PGPUB;<br>USPAT | OR | OFF | 2005/11/23 09:46 |
| S13<br>2 | 47314 | ((stor\$4) near6 (mask\$4 or<br>superimposition or cover\$5))                       | US-PGPUB;<br>USPAT | OR | OFF | 2005/11/23 09:47 |
| S13<br>3 | 1986  | ((stor\$4) near6 (mask\$4 or<br>superimposition or cover\$5))<br>near10 image       | US-PGPUB;<br>USPAT | OR | ON  | 2005/11/23 09:47 |
| S13<br>4 | 1375  | ((stor\$4) near6 (mask\$4 or<br>superimposition)) near10 image                      | US-PGPUB;<br>USPAT | OR | ON  | 2005/11/23 09:48 |
| S13<br>5 | 51    | ((stor\$4) near6 (mask\$4 or<br>superimposition)) near10 (image<br>same extract\$5) | US-PGPUB;<br>USPAT | OR | ON  | 2005/11/23 13:07 |
| S13<br>6 | 1     | ("5060280").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2005/11/23 13:07 |

## EAST Search History

|          |         |  |                    |    |     |                  |
|----------|---------|--|--------------------|----|-----|------------------|
| S13<br>7 | 1       | S136 and ((stor\$4 near6 (mask\$4 or superimposition)) near10 (image same extract\$5)                          | US-PGPUB;<br>USPAT | OR | ON  | 2005/11/23 13:08 |
| S13<br>8 | 1       | S136 and (read\$4 or scan\$4)  | US-PGPUB;<br>USPAT | OR | ON  | 2005/11/23 13:08 |
| S13<br>9 | 1       | ("6483607").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2005/11/28 09:29 |
| S14<br>0 | 1       | ("6170007").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2005/11/28 09:30 |
| S14<br>1 | 0       | S140 and interrupt\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2005/11/28 12:49 |
| S14<br>2 | 1       | ("5699495").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2005/11/28 12:50 |
| S14<br>3 | 199     | ((print\$4 or record\$4) near6 ((layout) near2 (code or information))) near10 (media or medium or paper)       | US-PGPUB;<br>USPAT | OR | OFF | 2006/04/17 08:45 |
| S14<br>4 | 85      | ((print\$4 or record\$4) near6 ((layout) near2 (code or information))) near10 (media or medium or paper)       | USPAT              | OR | ON  | 2006/04/17 08:45 |
| S14<br>5 | 83      | ((print\$4 or record\$4) near6 ((layout) near2 (code or information))) near10 (media or medium or paper)       | USPAT              | OR | OFF | 2006/04/17 08:45 |
| S14<br>6 | 99      | ((print\$4 or record\$4) near6 ((layout) near2 (code or information))) near10 (media or medium or paper sheet) | USPAT              | OR | OFF | 2006/04/18 08:37 |
| S14<br>7 | 1615271 | compos\$4 or merg\$4 or synthesiz\$4 or combin\$4  | USPAT              | OR | OFF | 2006/04/18 08:37 |
| S14<br>8 | 77      | S146 and S147  | USPAT              | OR | OFF | 2006/04/17 13:16 |
| S15<br>0 | 4       | S148 and (code\$2 same synthes\$6 same stor\$4)  | USPAT              | OR | OFF | 2006/04/17 12:53 |
| S15<br>1 | 55      | S148 and (code\$2 same stor\$4)  | USPAT              | OR | OFF | 2006/04/18 08:31 |
| S15<br>2 | 8491    | (stor\$4) near6 ((mask\$4 or synthes\$8 or combin\$7 or merg\$4) near2 (data or image))                        | USPAT              | OR | OFF | 2006/04/17 13:24 |
| S15<br>3 | 230     | (stor\$4) near6 ((previously or first or old) near5 (layout))  | USPAT              | OR | OFF | 2006/04/17 13:25 |
| S15<br>4 | 15      | S152 and S153  | USPAT              | OR | OFF | 2006/04/17 13:25 |



## EAST Search History

|          |         |   |                    |    |     |                  |
|----------|---------|---|--------------------|----|-----|------------------|
| S15<br>5 | 100     | ((print\$4 or record\$4) near6<br>((layout) near2 (code or<br>information))) near10 (media or<br>medium or paper sheet)   | USPAT              | OR | OFF | 2006/04/18 08:16 |
| S15<br>6 | 1617357 | compos\$4 or merg\$4 or<br>synthesiz\$4 or combin\$4  | USPAT              | OR | OFF | 2006/04/18 08:16 |
| S15<br>7 | 77      | S155 and S156   | USPAT              | OR | OFF | 2006/04/18 08:16 |
| S15<br>8 | 77      | S157 and (code\$2 or synthes\$6 or<br>stor\$4)  | USPAT              | OR | OFF | 2006/04/18 08:16 |
| S15<br>9 | 1       | ("6631495").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2006/04/18 08:31 |
| S16<br>0 | 0       | ("1and(mask\$4)").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2006/04/18 08:31 |
| S16<br>1 | 0       | S159 and mask\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2006/04/18 08:31 |
| S16<br>2 | 100     | ((print\$4 or record\$4) near6<br>((layout) near2 (code or<br>information))) near10 ((media or<br>medium or paper sheet)) | USPAT              | OR | OFF | 2006/04/18 08:37 |
| S16<br>3 | 1617357 | (compos\$4 or merg\$4 or<br>synthesiz\$4 or combin\$4)  | USPAT              | OR | OFF | 2006/04/18 08:38 |
| S16<br>4 | 77      | S162 and S163   | USPAT              | OR | ON  | 2006/04/18 08:38 |
| S16<br>5 | 55      | S164 and (code\$2 same stor\$4)   | USPAT              | OR | ON  | 2006/04/18 08:39 |
| S16<br>6 | 6       | S165 and mask\$4  | USPAT              | OR | ON  | 2006/04/18 09:28 |
| S16<br>7 | 1452    | (stor\$4) same (mask\$4) same<br>(printed or sheet or paper)  | USPAT              | OR | ON  | 2006/04/18 09:29 |
| S16<br>8 | 1       | S167 same (layout\$4 and code\$2)   | USPAT              | OR | ON  | 2006/04/18 09:30 |